

We are looking forward to providing you with detailed information about our Bystronic glass training courses **B'TRAIN** and will send you a non-binding offer.

AUTOMOTIVE GLASS



DISPLAY GLASS



B'TRAIN **SUCCESS WITH KNOW-HOW**



You can always rely upon:

- German-Swiss quality standards
- High efficiency and reliability
- Worldwide after-sales service
- Individual adaptation of the courses on request

QUALIFIED EMPLOYEES ARE YOUR COMPANY'S GREATEST ASSET

That's why we not only provide our clients with the most modern machines and systems for the processing of automotive glass and display glass, but also offer training courses to teach new and more advanced skills. This will enable your employees to use our machines economically, safely and reliably, and in a manner that will ensure quality.

Our training courses **B'TRAIN** offer a customized program for each participant to guarantee the greatest possible success in training. The individual training courses are made up of modules. Step by step, you and your employees can better your qualifications. It addresses operating and maintenance personnel as well as managers.

FEATURED TOPICS OF OUR TRAINING COURSES B'TRAIN

train'operate LEV1

Target group: Operating personnel (beginners)

How to operate our machines safely and efficiently

The training course **train'operate LEV1** provides your operating personnel with all the necessary basics for working on our machines, under observance of safety regulations.



TRAIN'OPERATE LEV1

Target group	Operating personnel (beginners)
Objectives	<ul style="list-style-type: none">• You can detect dangers of accidents and minimize them• You know the machine's function and you know how to operate it• You can perform the necessary steps to efficiently change the product• You can perform periodic cleaning and maintenance work to ensure that production on the machine runs as smoothly as possible
Contents	<ul style="list-style-type: none">• Explaining the functions and safety concept with a practical demonstration• Explaining the operating software with a practical implementation• Efficient product change with practical repetition• Explaining all parameters that are important for production• Performing corrections and observing the effects• Explaining which periodic cleaning and maintenance work must be performed to ensure production on the machine runs as smoothly as possible
Duration	1.5 days
Training location	At the machine location
Number of participants	Min. 1 participant, max. 6 participants

train'operate LEV2

Target groups: Shift supervisors, production managers and operating personnel (advanced)

How to optimize machine operation

In the additional advanced training course **train'operate LEV2** you will learn, how to adapt the machines to the changing production requirements and optimize them accordingly.



TRAIN'OPERATE LEV2

Target groups	Shift supervisors, production managers and operating personnel (advanced)
Objectives	<ul style="list-style-type: none"> • You can detect dangers of accidents and minimize them • You know the right parameters and corrections to minimize tool wear and reduce the cycle time • You know the necessary steps to efficiently change a product • You can perform the periodic cleaning and maintenance work to ensure that production on the machine runs as smoothly as possible • You can help to shorten downtimes through correct error analysis
Contents	<ul style="list-style-type: none"> • Explaining the functions and safety concept with a practical demonstration • Explaining the operating software with a practical implementation • Product change • Process analytics with practical tests in production • Saving and restoring parameters and data backup in the machine • Explaining all parameters that are important for production • Creating a parameter file using a common material as an example • Performing corrections and observing the effects • Explaining the right tool selection for the corresponding material • Detecting process problems in the production file • Explaining which periodic cleaning and maintenance work must be performed to ensure production on the machine runs as smoothly as possible • Explaining which coolant and lubricant must be provided • Explaining an error analysis with a practical implementation
Duration	2.5 days
Training location	At the machine location
Number of participants	Min. 1 participant, max. 6 participants

train'maintain

Target groups: Maintenance personnel,
operating personnel (advanced)

Ensure consistent product quality

We teach you how to plan and carry out maintenance work independently. **train'maintain** puts you in a position to provide the replacement of spare parts, evaluate the wear and to initiate any necessary measures in good time.



TRAIN'MAINAIN	
Target groups	Maintenance personnel, operating personnel (advanced)
Objectives	<ul style="list-style-type: none">• You can recognize and minimize accident hazards• You can schedule and carry out all the maintenance work necessary for trouble-free production at the machine• You can carry out basic mechanical and electrical settings at the machine• You can inspect, set and optimize machine components• You can identify spare and wear parts and plan their procurement
Contents	<ul style="list-style-type: none">• Explanation of the functions and the safety concept with practical demonstration• Basic operation of the machine• Explanation of the maintenance overview and periodic maintenance schedules• Familiarization with the mechanical and electrical basic positions of all machine components• Inspect, set and optimize measuring systems on the machine• Performance of all periodic cleaning and maintenance work at the machine necessary for trouble-free production• Detailed familiarization with the electronic parts catalog
Duration	1.5 days (optional 2 days with drilling machine)
Training location	At the machine location
Number of participants	Min. 1 participant, max. 6 participants

train'repair

Target group: Maintenance personnel

Avoid downtimes

train'repair helps you to immediately identify the cause of disorders and to remedy them. Among other things, course participants receive a basic introduction to the electrical hardware plan and learn how to test, replace and adjust electrical components.



TRAIN'REPAIR

Target group	Maintenance personnel
Objectives	<ul style="list-style-type: none"> • You can recognize and minimize accident hazards • You know the safety rules for troubleshooting • You are familiar with the electrical control system of the machine • You can inspect, set and optimize electrical machine components • You learn the systematic procedure for eliminating operating faults (help you to help yourself) • You gain basic knowledge of the possible causes of faults and their remedies
Contents	<ul style="list-style-type: none"> • Explanation of the functions and the safety concept with practical demonstration • Basic operation of the machine • Fundamental introduction to the electrical control system of the machine • Machine communication • Presentation of the electrical basic positions of all machine components • Recognition, inspection, replacement and setting of the electrical components on the machine • Systematic procedure for troubleshooting on the machine • Explanations on safety during troubleshooting • Presentation of possible problems that can occur, their causes and remedies
Duration	2.5 days (optional 3 days with drilling machine)
Training location	At the machine location
Number of participants	Min. 1 participant, max. 6 participants